

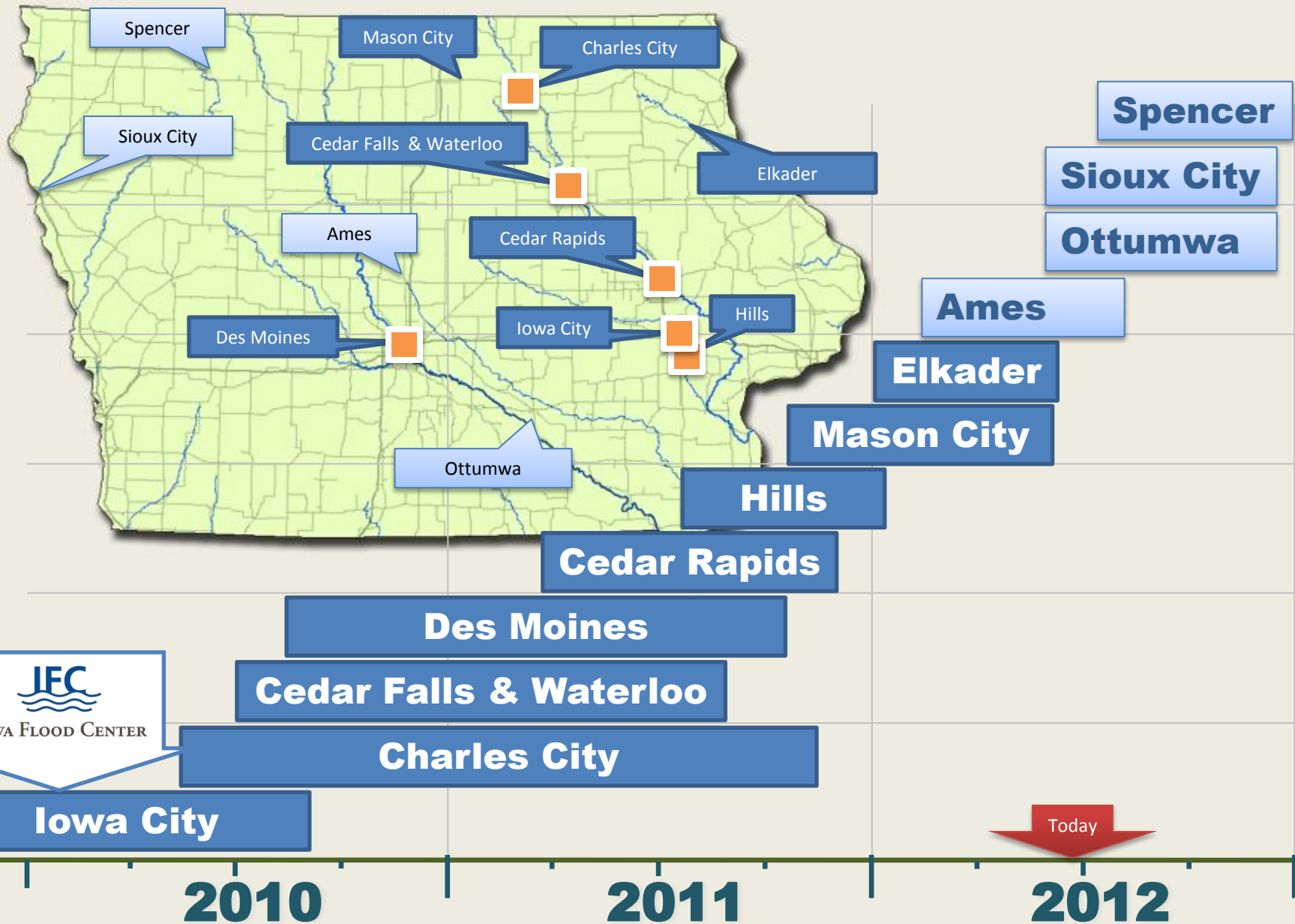
# Iowa Flood Center: Tools and Resources

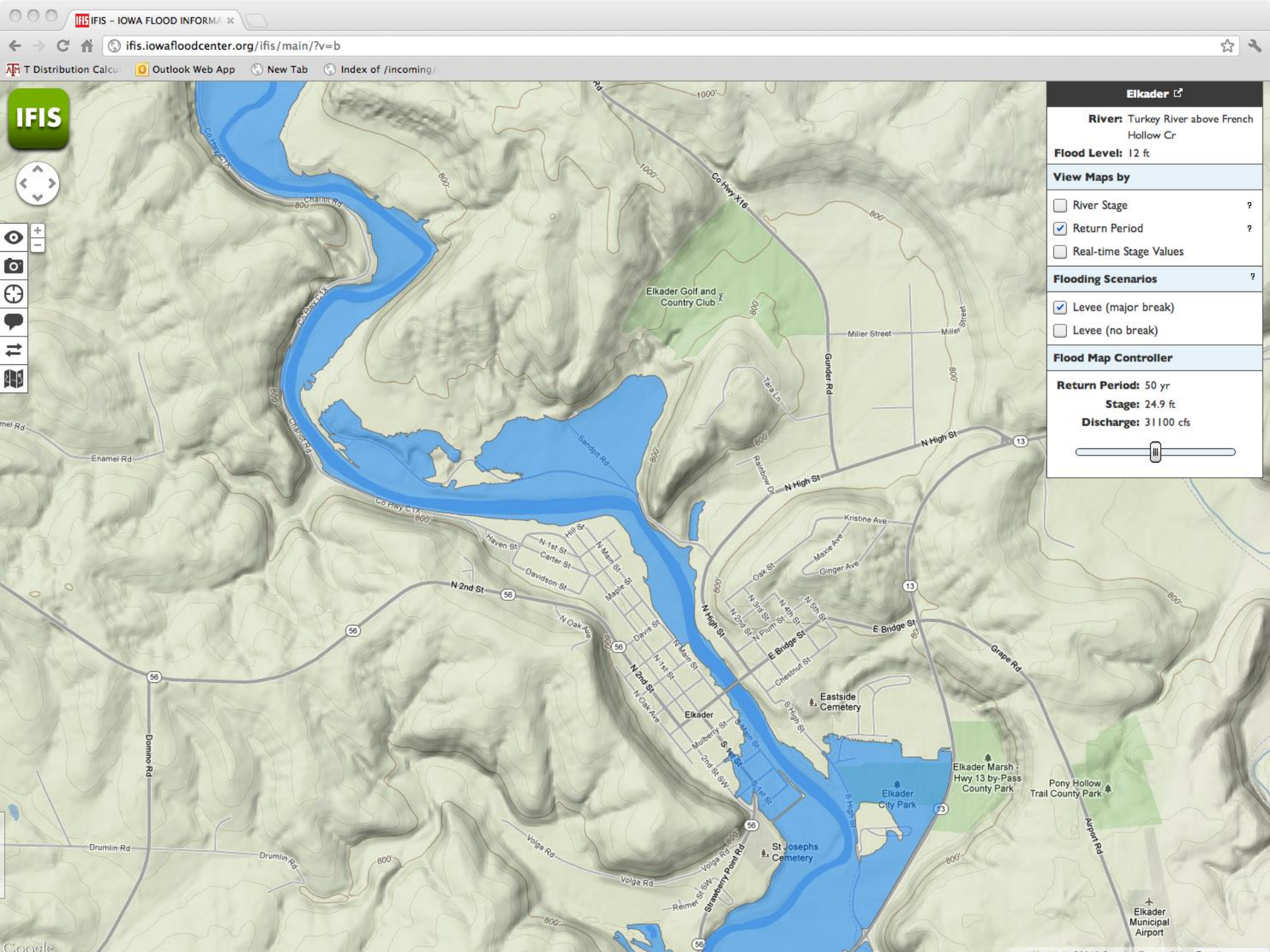
# IOWA HOUSE FILE 822

To assist in the development of a **workforce** in the state, knowledgeable regarding flood research, prediction, and mitigation strategies.



# Flood Inundation Maps





**Elkader**

**River:** Turkey River above French Hollow Cr

**Flood Level:** 12 ft

**View Maps by**

☐ River Stage ?

☒ Return Period ?

☐ Real-time Stage Values

**Flooding Scenarios** ?

☒ Levee (major break)

☐ Levee (no break)

**Flood Map Controller**

**Return Period:** 50 yr

**Stage:** 24.9 ft

**Discharge:** 31100 cfs

# Iowa Flood Center “Bridge Sensors”



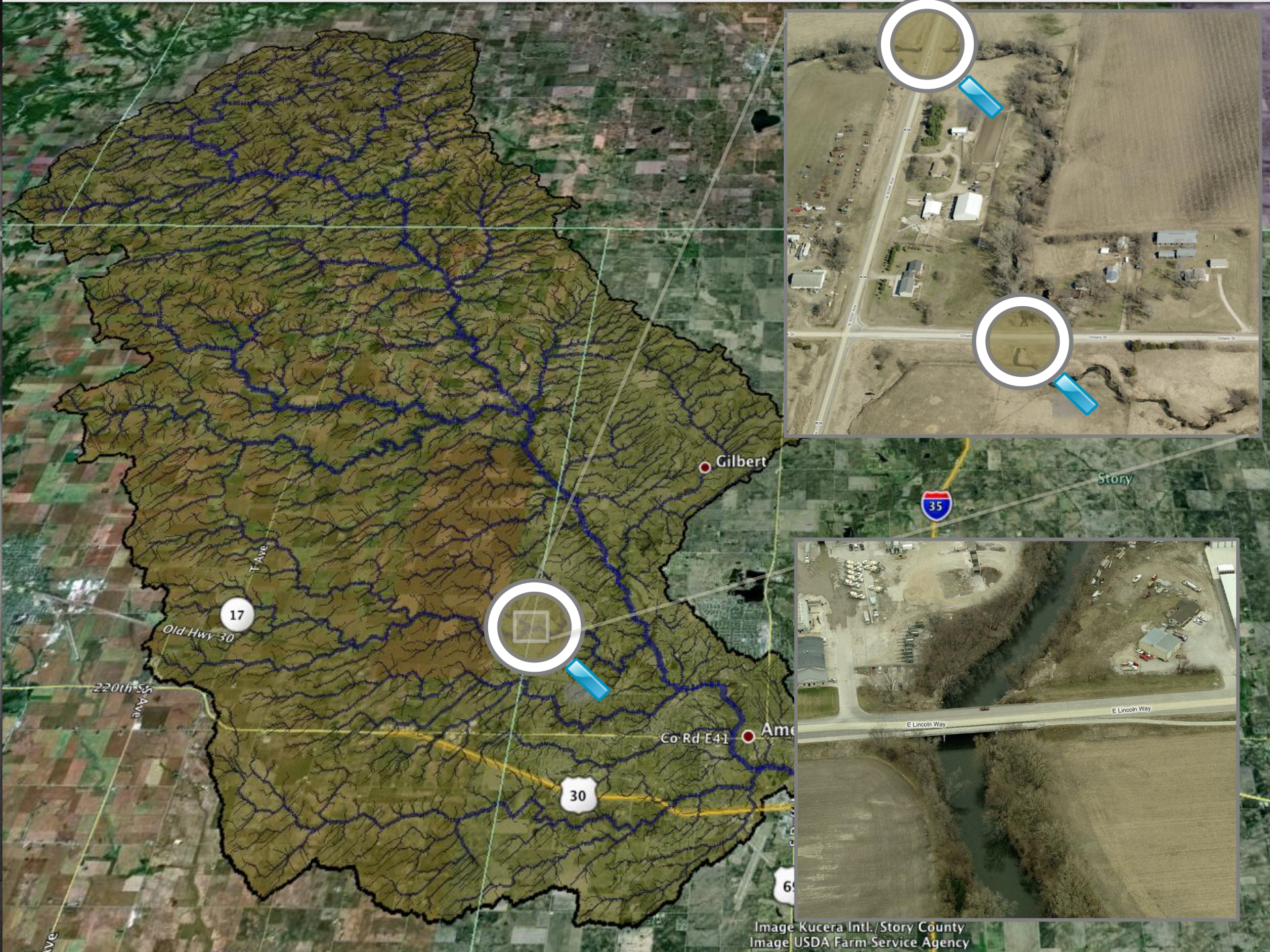


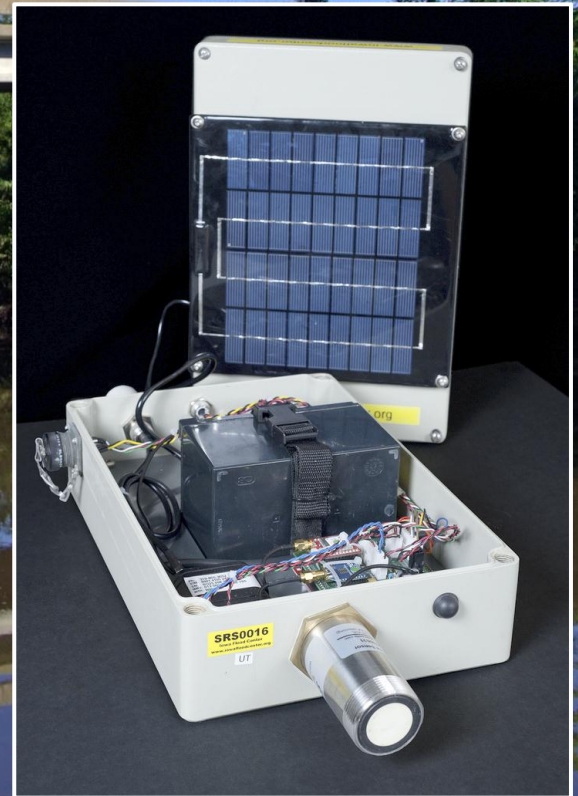
Image Kucera Intl./Story County  
Image USDA Farm Service Agency

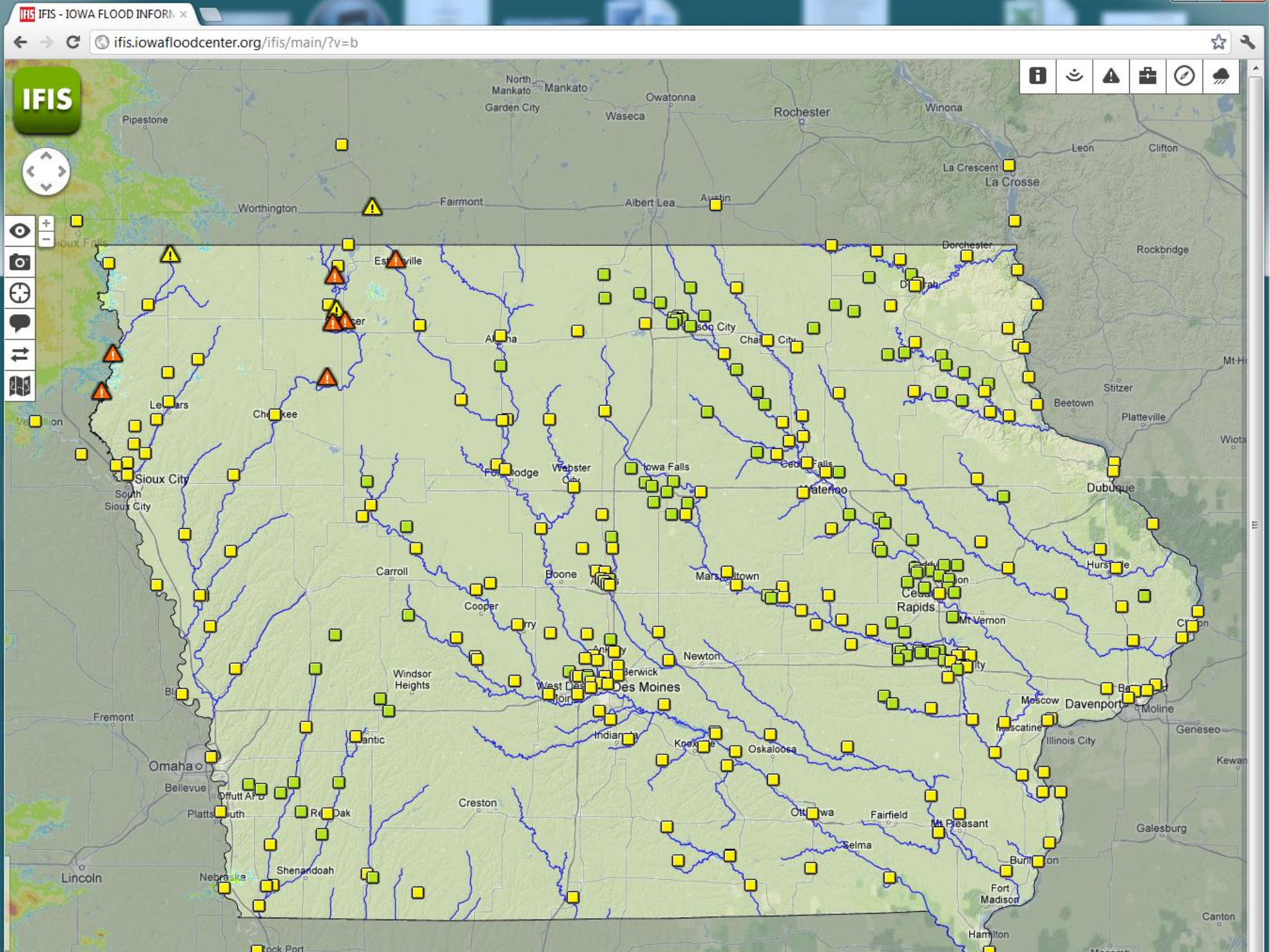
- 
- 156 USGS stream gauges
  - 25,000 bridges

Every bridge  
is a potential  
stream gauge

# IOWA HOUSE FILE 822

To establish community-based programs to **improve flood monitoring** and prediction along Iowa's major waterways and to support ongoing flood research.





# IOWA FLOOD INFORMATION SYSTEM

The Iowa Flood Information System (IFIS) is a one-stop web-platform to access community-based flood conditions, forecasts, visualizations, inundation maps and flood-related data, information, and applications

[LAUNCH IFIS](#)

ABOUT  
IFIS



IFIS  
HELP



IFIS  
APPS



IFIS WEB  
SERVICE



IFIS  
MOBILE



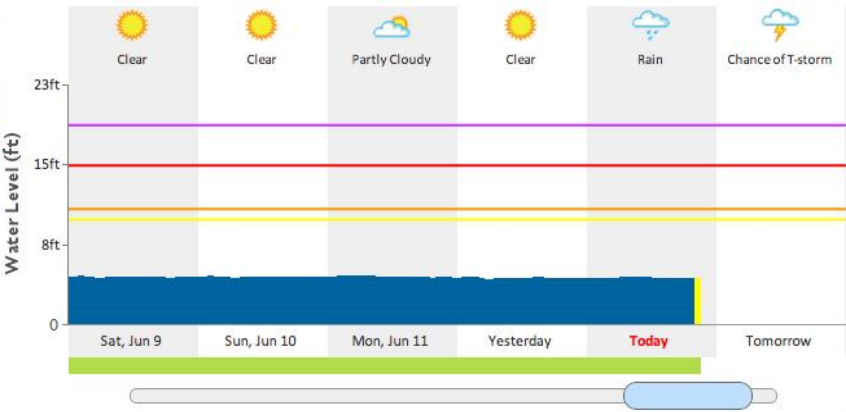
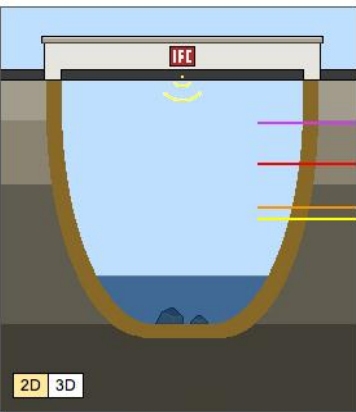
CONTACT  
IFIS

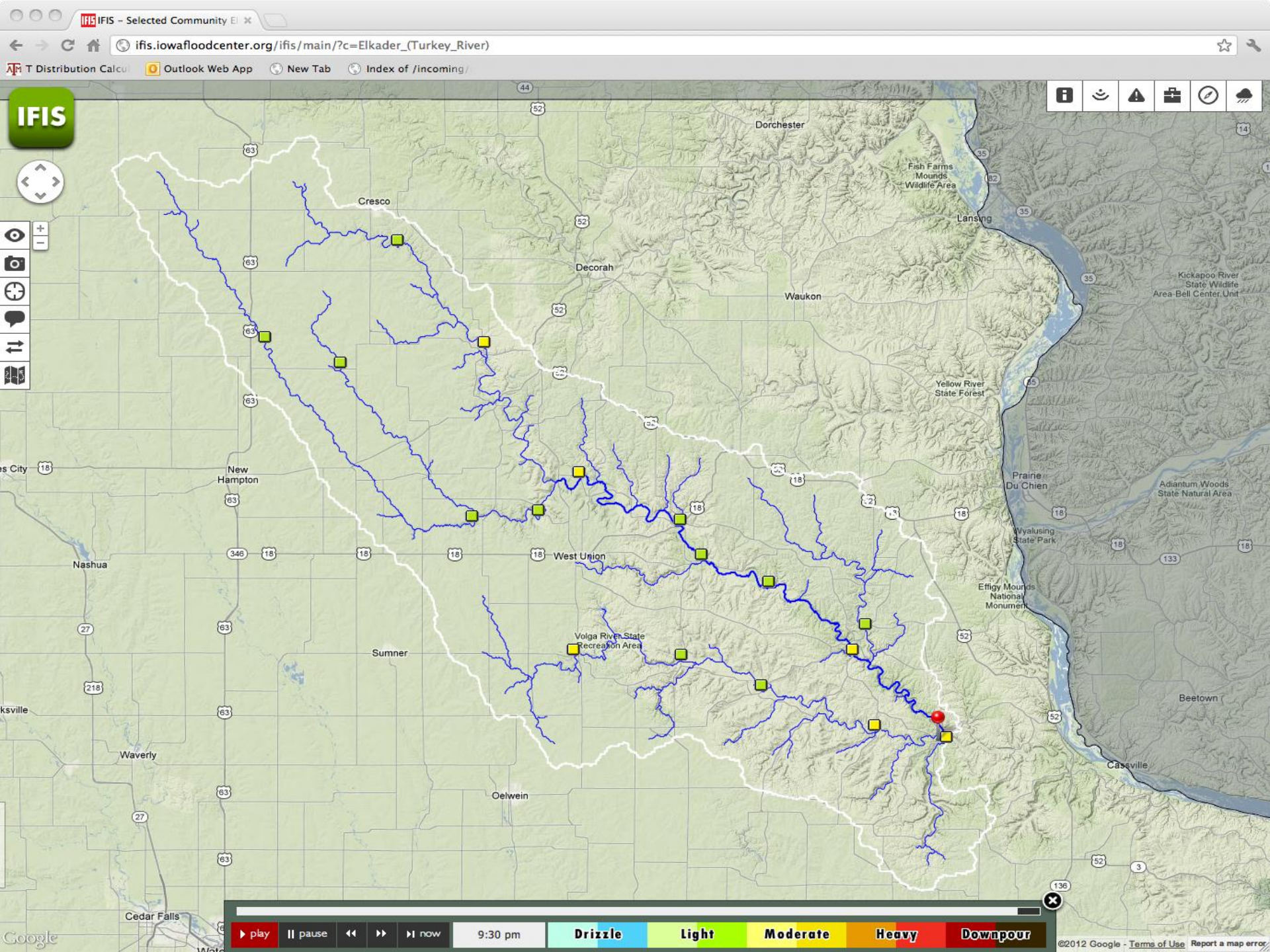




### IFC BRIDGE SENSOR

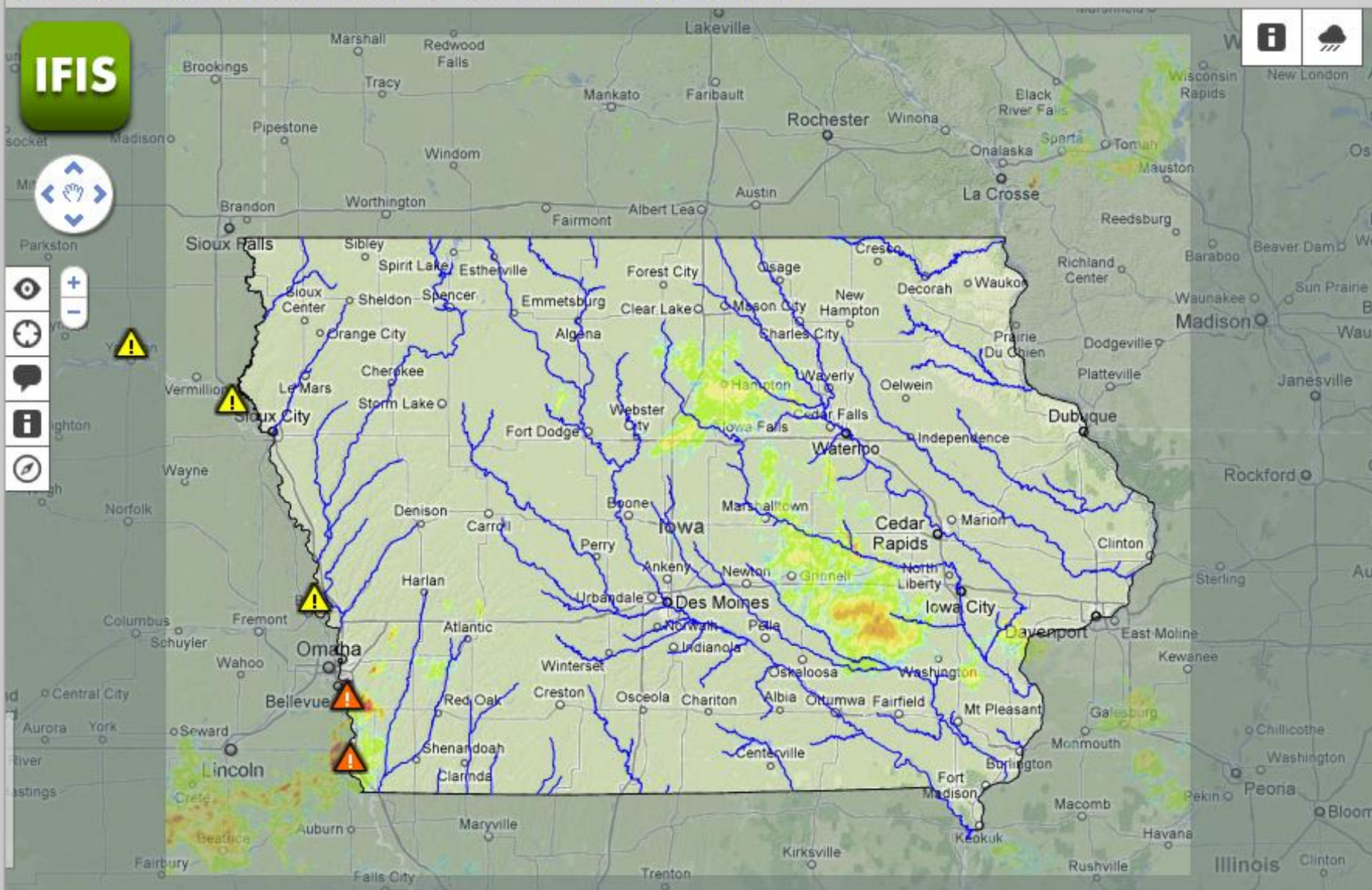
**Street Name (City):** Cable Ave. (Elgin)  
**River Name:** Turkey River  
**Elevation:** 778 ft (above sea level)  
**Bridge Height:** 23 ft 2 in  
**Last Reported:** Wednesday, June 13, 2012 10:45 pm  
**Last Reading:** 4 ft 6 in



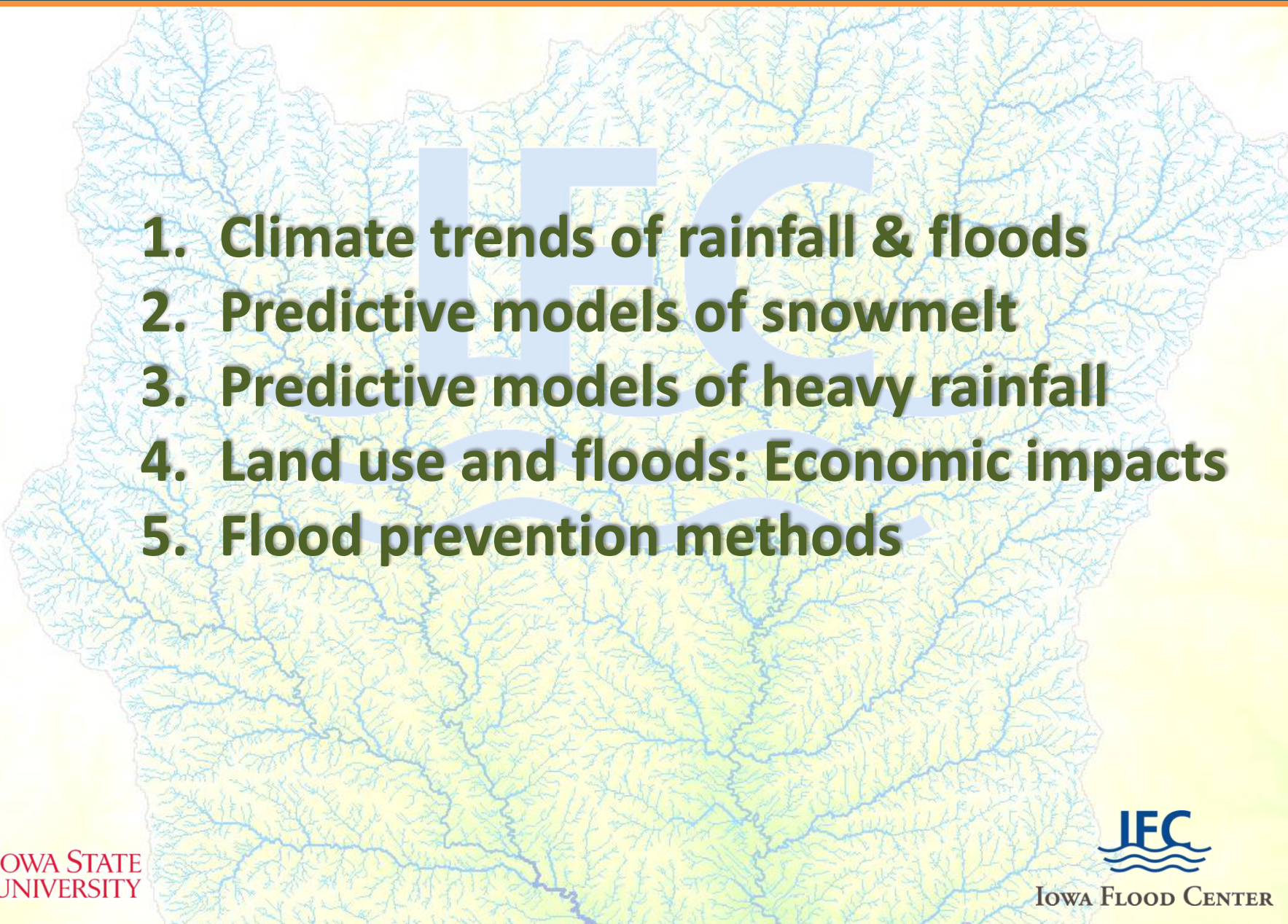


For quick access, place your bookmarks here on the bookmarks bar. [Import bookmarks now...](#)

IFIS



# Other Activities

- 
- 1. Climate trends of rainfall & floods**
  - 2. Predictive models of snowmelt**
  - 3. Predictive models of heavy rainfall**
  - 4. Land use and floods: Economic impacts**
  - 5. Flood prevention methods**

# Thank You!



IOWA  
FLOOD  
CENTER

